



RAW SEQUENCE LISTING ERROR REPORT

P#30

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/276,455A
Source: 0184
Date Processed by STIC: 7/30/2003

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FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

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Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail. Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom. Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry directly to:
U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7th Floor, Examiner Name, Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202
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Revised 04/24/2003



OIPE

RAW SEQUENCE LISTING

DATE: 07/30/2003

PATENT APPLICATION: US/09/276,455A

TIME: 10:28:45

Input Set : A:\sequence_listing.txt

Output Set: N:\CRF4\07302003\I276455A.raw

3 <110> APPLICANT: FERSHT, Alan R.
 4 ZAHN, Ralph
 5 ALTAMIRANO, Myriam M.
 7 <120> TITLE OF INVENTION: CHAPERONE FRAGMENTS
 9 <130> FILE REFERENCE: 674508-2001
 11 <140> CURRENT APPLICATION NUMBER: 09/276,455A
 12 <141> CURRENT FILING DATE: 1999-03-25
 14 <150> PRIOR APPLICATION NUMBER: 97/02652
 15 <151> PRIOR FILING DATE: 1997-09-26
 17 <150> PRIOR APPLICATION NUMBER: 96/020980
 18 <151> PRIOR FILING DATE: 1996-12-03
 20 <150> PRIOR APPLICATION NUMBER: 9620243.7
 21 <151> PRIOR FILING DATE: 1996-09-26
 23 <160> NUMBER OF SEQ ID NOS: 18
 25 <170> SOFTWARE: PatentIn Ver. 2.1

Does Not Comply
 Corrected Diskette Needed

ERRORED SEQUENCES

625 <210> SEQ ID NO: 17
 626 <211> LENGTH: 10
 627 <212> TYPE: PRT
 628 <213> ORGANISM: Escherichia coli
 630 <220> FEATURE:
 631 <221> NAME/KEY: VARIANT
 632 <222> LOCATION: (2)..(4)
 633 <223> OTHER INFORMATION: Xaa is at least one amino acid
 635 <220> FEATURE:
 636 <221> NAME/KEY: VARIANT
 637 <222> LOCATION: (6)..(7)
 638 <223> OTHER INFORMATION: Xaa is at least one amino acid
 640 <220> FEATURE:
 641 <221> NAME/KEY: VARIANT
 642 <222> LOCATION: (10)..(10)
 643 <223> OTHER INFORMATION: Xaa is at least one amino acid
 E--> 645 <400> SEQUENCE: ③ 174 change to
 W--> 647 Ile Xaa Xaa Xaa Leu Xaa Xaa Leu Glu Xaa
 648 1 5 10

pg 1-3

variable length
 is not permitted
 (see item 5 on
 Error Summary Sheet)
 This error also
 appears in
 seqs. 15 and 18

see pg 2-3
 for more errors

<220>
 <221> VARIANT
 <222> (2)..(4)
 <223> Represents any amino acid or peptide bond

<220>
 <221> UNSURE
 <222> (6)..(7)
 <223> represents any amino acid or peptide bond

<220>
 <221> VARIANT
 <222> (10)..(11)
 <223> represents any amino acid or peptide bond

<220>
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 <222> (13)..(27)
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<220>
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 <222> (29)..(30)
 <223> represents any amino acid or peptide bond

<220>
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 <222> (33)
 <223> represents any amino acid or peptide bond

<220>
 <221> VARIANT
 <222> (37)..(38)
 <223> represents any amino acid or peptide bond

<220>
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 <222> (40)
 <223> represents any amino acid or peptide bond

<400> 12
 Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
 1 5 10 15

Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
 20 25 30

Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
 35 40

*Xaa can only
 represent a single
 amino acid, nothing
 else. Same
 error
 in sequence 13.*

<210> 14
 <211> 14
 <212> PRT
 <213> Escherichia coli

<220>
 <221> VARIANT
 <222> (3)
 <223> Amino acid 3 may also be Val

"Leu" can only represent itself; use Xaa and explain that it can represent either Leu or Val

<220>
 <221> VARIANT
 <222> (4)
 <223> Amino acid 4 may also be Val

use Xaa and explain

<220>
 <221> VARIANT
 <222> (6)
 <223> Amino acid 6 may also be Ser

use Xaa and explain

<220>
 <221> VARIANT
 <222> (9)
 <223> Amino acid 9 may also be Ile

use Xaa and explain

<400> 14
 Pro Leu Leu Ile Ile Ala Glu Asp Val Glu Gly Glu Ala Leu
 1 5 10

(Leu Ile) (Ala Val)